During the annual Match Day celebration, March 19, 2009, the Quillen College of Medicine Class of 2009 learned where they will be going for residency training.

The National Residency Matching Program pairs fourth-year medical students with residency programs throughout the country. The 58 members of the Class of 2009 matched in 12 different medical specialty and subspecialty fields at 28 U.S. residency sites, including ETSU, University of Tennessee, University of Alabama-Birmingham, University of Virginia, Wake Forest University, Medical College of Georgia, University of Southern California, University of California – Los Angeles, University of Pennsylvania, Rush University (Chicago), Vanderbilt University Medical Center, and Emory University.

Students at the Quillen College exceeded the national average with 57 percent of the class entering the primary care fields of family medicine, internal medicine, obstetrics/gynecology, and pediatrics. Sixteen students will continue their training at ETSU, and eight others will remain in Tennessee. Nearly 75 percent matched at institutions in the southern region.

A number of students matched to highly competitive specialty programs, including urology, radiology, orthopaedic surgery, and anesthesiology. Five students will complete their residency training through military service.

The Quillen College of Medicine was successful in filling 38 of the 42 available residency positions during the initial match. The remaining positions have since been filled.
QCOM Life Lines
Quillen College of Medicine Dean
Dr. Phil C. Bagnell
by Jill Fair

Spring 2009

Editorial Board

David Linville, M.D.
Tom Kwastigroth, Ph.D.
Ken Olive, M.D.
Carol Sloan
Joe Smith
Barbara Sacher
SureshNarappan

Art Director
Robin Fink
Writer
Jill Fair
Photographer
Bryan Albritton

QCOM Life Lines is published quarterly by the Department of Biomedical Communications James H. Quillen College of Medicine. Email us to receive online publications biomedicalcommunications@etsu.edu. QCOM Life Lines is published quarterly by the Department of Biomedical Communications James H. Quillen College of Medicine. Email us to receive online publications biomedicalcommunications@etsu.edu.

A Firm Foundation, New Horizons
Quillen College of Medicine Dean
Dr. Martin Eason, M.D.

2

Dr. Olive has served as Johnson City Resident Program Director, published a review of our regional contribution through the training of general surgeons in an Institutional Profile on the Depart ment of Surgery entitled Back to the Future: General Surgery Training at East Tennessee State University. The first two residents finished training in 1983 and we now have a total of 78 graduates of the general surgery program. Seventy-two percent of these graduates have gone on to practice broad-based general surgery, 75 percent have practiced in communities with populations of fewer than 100,000, and 35 percent have practiced in communities with populations of lower than 50,000. This issue of Life Lines highlights selected innovations in medical education and a few of the leaders who guide these educational initiatives. Specifically, we introduce the evolving role of technology in the education of medical students and residents. Our human patient simulation lab, the Center for Experiential Learning, provides a unique hands-on experience with patients with more efficient learning. Medical students, nursing stu dents, residents, fellows, paramedics, prehospital physicians, and medical care providers and students now have the opportunity to learn in simulated situations without risk of harming people. Through the center, the student learns basic patient history, physical exam, and lab data; he or she manages the patient and is treated as a real patient. The students also receive practice with procedures they will perform in their future careers. Dr. Olive brings extensive experience in leadership and medical education to his new responsibilities for guiding our academic programs. Under his leadership, the Medical Student Education committee has been working with our medical student curriculum to prepare our students for the changing world of medical practice in the 21st century. These are challenging times for all of us and Quillen has no immunity to the financial difficulties being faced by the country. While this has restricted initiation, it has not diverted our attention from our educational mission and our resolve is to continue the progress that has served our region as well as Tennessee State University is a Tennessee Board of Regents institution and is fully in accord with the belief that educational and employment opportunities should be available to all eligible persons without regard to age, gender, color, race, religion, national origin, disability, veteran status, or sexual orientation. Printed at Sabre Printers. TBR 220-032-08 AM

A recent article in Academic Physician & Scientist states, “Students have a finite number of hours to learn, but, as faculty, are not shy about offering them a curriculum of excess in which we label virtually every learning opportunity as basic and/or essential.” The article went on to affirm that medical schools are seizing a unique opportunity to re evaluate curricula, technological advancements are increasing at breakneck speed and the definition of “essential” is continually changing as well.

The Quillen College of Medicine (QCOM) has a strong track record on which to build,” says Kenneth Olive M.D., FACP, QCOM Executive Associate Dean for Academic and Faculty Affairs. “Our students have been successful at obtaining competitive residencies at premier institutions across the country. While we are meeting our primary goal as a school in properly training our medical students, we must ensure we have the curriculum in place to both train physicians in today’s world and for the future.” He contends QCOM must be innovative in making improvements in curriculum; taking into consideration that careers may span 30 to 40 years. “In order to provide the skills needed, we must teach them how to become lifelong learners.” The QCOM curriculum is structured around the sciences considered fundamental to the practice of medicine. This foundation provides the student a basis on which to move forward. “We overlap foundational sciences and clinical exposure, placing the students in the practice setting without first being thoroughly grounded in science. By the third year, they are predominantly rotating through the clinics with different services, combined with formal teaching sessions referring back to the basic knowledge of the practice of medicine,” Olive explains.

“Stepping Up: QCOM Faces the Challenge of Medical Education 21st Century” by Jill Fair

The keynote course at the conclusion of the fourth year consists of many critical topics that will prove useful between medical school and residency. We begin addressing the business and legal aspects of medical practice,” Olive explains. “The students will be offered the chance with proper preparation they may do in residency. “The CEL Simulation Lab is another way we begin introducing the clinical aspects within the first two years and experience the changing world of medical school.” The challenge, as Olive explains, is to contemplate what students are likely to face in the future, and find inventive ways to teach these necessary skills.

Dr. Ramsey McGowen, Professor, Psychiatry, says, “QCOM continues to offer the best possible curriculum for our students. We have recently undergone extensive discussions about how to improve student education and have focused primarily concerned with identifying areas to trim and where content can be added. In the future students can expect to see more items related to professionalism, practice of medicine, and medical ethics.

Dr. Olive says, “These students will be working in environments which are part of a health care system. How they handle certain tasks will make a difference in patient outcomes. Simply having better knowledge of how systems and procedures work will not work together for good outcomes, and as physicians they should be leaders of some of these teams. We want their preparation to be good leaders, make good decisions and take corrective action to avoid the pitfalls.”

Dr. Olive also confirms the continued significant focus of QCOM on Rural Health. “It was part of the reason we were founded and we’re starting to look at ways we can reorganize, especially our clinical activities, so that our students can get more exposure (as Olive explains) by working in teams which work together for good outcomes, and as physicians they should be leaders of some of these teams. We want them to have the preparation to be good leaders, make good decisions and take corrective action to avoid the pitfalls.”

However, we do not think that’s necessarily the way to go. We think we can always do better.”

After thirty years of minimal growth, medical schools countrywide are expanding enrollment. The desire to meet the health needs of the nation is common to each institution, and they also share a dilemma in the structure and content of curricula.

A Firm Foundation, New Horizons
Quillen College of Medicine Dean
Dr. Martin Eason, M.D.

3

Stepping Up:
QCOM Faces the Challenge of Medical Education 21st Century
by Jill Fair

3 A Firm Foundation, New Horizons
Quillen College of Medicine Dean
Dr. Martin Eason, M.D.

3 Stepping Up: QCOM Faces the Challenge (New Name)
Quillen College of Medicine Dean
Dr. Phil C. Bagnell.

3 No Fear. Teaching and “Practicing” Medicine
Planting, Cultivating, and Blooming
Alumni Gathering Held at Kingsworthy Grove
QCOM Alumni Class Notes
Calling all Alums…2009 Alumni Gatherings!
New Horizons Life Lines Cover
It’s a Match!

QCOM Life Lines
by Phil C. Bagnell, M.D., Dean of Medicine
As we complete our 35th year, faculty, staff and students of the Quillen College of Medicine have numerous reasons to be proud of our educational accomplishments and the achievements of our graduates. Our resident programs are fully accredited and one doing an excellent job of preparing physicians for rural Tennessee communities. In the January 2009 edition of The American Surgeon, Dr. Bill Browder, Chair of the QCOM Department of Surgery, and Dr. Kathleen Tolley, Residency Program Director, published a review of our regional contribution through the training of general surgeons in an Institutional Profile on the Department of Surgery entitled Back to the Future: General Surgery Training at East Tennessee State University. The first two residents finished training in 1983 and we now have a total of 78 graduates of the general surgery program. Seventy-two percent of these graduates have gone on to practice broad-based general surgery, 75 percent have practiced in communities with populations of fewer than 100,000, and 35 percent have practiced in communities with populations of lower than 50,000. This issue of Life Lines highlights selected innovations in medical education and a few of the leaders who guide these educational initiatives. Specifically, we introduce the evolving role of technology in the education of medical students and residents. Our human patient simulation lab, the Center for Experiential Learning, provides a unique hands-on experience with patients with more efficient learning. Medical students, nursing students, residents, fellows, paramedics, prehospital physicians, and medical care providers and students now have the opportunity to learn in simulated situations without risk of harming people. Through the center, the student learns basic patient history, physical exam, and lab data; he or she manages the patient and is treated as a real patient. The students also receive practice with procedures they will perform in their future careers. Dr. Olive brings extensive experience in leadership and medical education to his new responsibilities for guiding our academic programs. Under his leadership, the Medical Student Education committee has been working with our medical student curriculum to prepare our students for the changing world of medical practice in the 21st century. These are challenging times for all of us and Quillen has no immunity to the financial difficulties being faced by the country. While this has restricted initiation, it has not diverted our attention from our educational mission and our resolve is to continue the progress that has served our region as well as

DEAN’S MESSAGE:
A Firm Foundation, New Horizons
Quillen College of Medicine Dean
Dr. Martin Eason, M.D.

3

Stepping Up: QCOM Faces the Challenge
Quillen College of Medicine Dean
Dr. Phil C. Bagnell.
DEAN’S MESSAGE:

A firm foundation, new horizons

by Philip C. Bagnell, M.D., Dean of Medicine

As we complete our 35th year, faculty, staff and students of the Quillen College of Medicine have numerous reasons to be proud of our educational accomplishments and improvements in the achievements of our graduates. Our resident programs are fully accredited and our doing an excellent job of preparing physicians for rural Tennessee communities. In the January 2009 edition of the American Surgeon, Dr. Bill Bowers, Chairman of the QCOM Department of Surgery, and Dr. Ken Olive, Residency Program Director, published a review of our regional contribution through the training of general surgeons in an Institutional Profile on the Department of Surgery entitled Back to the Future: General Surgery Training at East Tennessee State University. The first two residents finished training in 1983 and we now have a total of 78 graduates of the general surgery program. Seventy-two percent of these graduates have gone on to practice primary care and general surgery; 75 percent have practiced in communities with populations of fewer than 100,000, and 35 percent have practiced in communities with populations of fewer than 50,000.

This issue of Life Lines highlights selected innovations in medical education and a few of the leaders who guide these educational initiatives. Special in this issue is an introduction to the evolving role of technology in the education of medical students and residents. Our human patient simulation lab, the Center for Experiential Learning, provides a unique hands-on experience with state-of-the-art technology. Medical students, nursing students, residents, fellows, paramedics, premedical students and other health care students and providers now have the opportunity to learn in simulated situations previously thought impossible to target learning needs from basic physiology and pharmacology to critical care management. Dr. Martin Enos, our board-certified anesthesiologist, directs the lab and has expanded our horizons to include collaboration with educators across the nation and around the world. The ETSU Department of e-Learning and colleagues at SUNY Stony Brook, Dr. Enos has established the SimWorldWide Web site through which our simulation center serves as a hub for live streaming video feeds of simulation experiences from and for educators around the world.

Also in this issue we introduce Dr. Ken Olive, our new Executive Associate Dean for Academic and Faculty Affairs. A practicing board-certified internist, Dr. Olive has served as Johnson City Residency Programs Director, Vice Chair and Interim Chair in the Department of Internal Medicine. Site Director for the Hawkins County Academic Health Center in our Primary Care Track program, and Acting Medical Director of the Jacksonville-Downtown Homeless Clinic. Dr. Olive brings extensive experience in leadership and medical education to his new responsibilities for guiding our academic programs. Under his leadership, the Medical Student Education committee has been working to create our medical student curriculum to prepare our students for the changing world of medical practice in the 21st century.

These are challenging times for all of us and Quillen has no immunity from the financial difficulties being faced by the country. While this has restricted institutional support, it has not diverted our attention from our educational mission and our resolve is to continue to do the work that we have served our region as well as the country for the past 35 years.

A recent article in Academic Physician & Scientist states, “Students have a finite number of hours to learn, but we, as faculty, are not shy about offering them an curriculum of excess in which we label virtually every new trend and opportunity. This is the learning opportunity as basic and/or essential.” The article went on to affirm that medical schools are seizing a unique opportunity to re-evaluate curricula, technological advancements are increasing at breakneck speed and the definition of “essential” is continually changing as well.

The Quillen College of Medicine (QCOM) has a strong track record on which to build,” says Kenneth Olive, M.D., FACP, QCOM Executive Associate Dean for Academic and Faculty Affairs. “Our students have been successful at obtaining competitive residencies at premier institutions across the country. While we are meeting our primary goal as a school in properly training our medical students, we must ensure we have the curriculum in place to both train physicians in today’s world and for the future.” He contends QCOM must be innovative in making improvements in curriculum; taking into consideration that careers may span 30 to 40 years. “In order to provide the skills needed, we must teach them how to become lifelong learners.”

The QCOM curriculum is structured around the sciences considered fundamental to the practice of medicine. This foundation provides the student a basis on which to move forward. “We overlay foundational sciences and clinical experience, placing the student in the practice setting without first giving them a theoretical understanding. By the third year, they are predominantly rotating through the clinics with different services, combined with formal teaching sessions referring back to the basic knowledge of the practice of medicine,” Olive explains.

The Quillen College of Medicine (QCOM) is a private, coeducational institution offering undergraduate, graduate and professional programs in the health sciences. The college is located on a 105-acre campus in Johnson City, Tennessee. QCOM is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. The college is also accredited by the Liaison Committee on Medical Education, the American Osteopathic Association, the American Council on Pharmaceutical Education and the Tennessee Board of Occupational Therapy. The college is a member of the Association of American Medical Colleges (AAMC), the Association of American Universities (AAU), and the Associated American Colleges of Graduate Study. QCOM is an Equal Opportunity Institution and offers opportunities without regard to age, gender, color, race, national origin, disability, veteran status, or sexual orientation. QCOM is a community partner, working with schools and agencies to provide educational, social and cultural opportunities to the people of eastern Tennessee.

QCOM Life Lines is published quarterly by the Department of Biomedical Communications. James H. Quillen College of Medicine. Email us to receive online publications: jill_fair@etsu.edu. East Tennessee State University is a Tennessee Board of Regents institution and is fully in accord with the belief that educational and employment opportunities should be available to all eligible persons without regard to age, gender, color, race, religion, national origin, disability, veteran status, or sexual orientation. Printed at Sabre Printers. TTR 220-032-08 AM

2 QCOM Life Lines

2 A Firm Foundation, New Horizons
3 Stepping Up: QCOM Faces the Challenge
4 No Fear, Teaching and “Practicing” Medicine
5 Planting, Cultivating, and Blooming
6 Alumni Gathering Held at Watauga County Hospital
7 QCOM Alumni Class Notes Calling all Alumni…2009 Alumni Gatherings! New Life Lines Lines Cover It’s A Match!

Spring 2009

Editorial Board
David Lineville, M.D.
Tom Kwagru, Ph.D.
Ken Olive, M.D.
Carol Sloan
Joe Smith
Barbara Sacher
Suresh Nannappa

Editorial Assistant
Martha Whaley

Art Director
Robyn Fitch
Photographer
Bryan Albritton

QCOM Life Lines is published quarterly by the Department of Biomedical Communications. James H. Quillen College of Medicine. Email us to receive online publications: jill_fair@etsu.edu. East Tennessee State University is a Tennessee Board of Regents institution and is fully in accord with the belief that educational and employment opportunities should be available to all eligible persons without regard to age, gender, color, race, religion, national origin, disability, veteran status, or sexual orientation. Printed at Sabre Printers. TTR 220-032-08 AM

The Keystone course at the conclusion of the fourth year covers major aspects of medicine with an emphasis on the integration of medical science and residency. We begin addressing the business and legal aspects of medical practice, Oliver explains. We also begin introducing the role of technology with processes that may or may not be used in residency. “The CEL Simulation Lab is another way we begin introducing the clinical aspects within the first two years and expand their understanding of medical school.” The challenge, as Olive explains, is to contemplate what students are likely to face in the future, and find inventive ways to teach these necessary skills set.

Dr. Ramsey McGowen, Professor, Psychiatry, says, “QCOM continues to offer the best possible curriculum for our students. We have recently undergone extensive discussions about how to improve student education, which is a continuous process designed closely to identify areas to trim and where content can be added. In the future students can expect to see more items related to professionalism, practice of medicine, and medical ethics.”

Dr. Olive says, “These students will be working in environments which are part of a health care system. How they handle certain tasks will make a difference in patient outcomes. Simply having better knowledge of how systems work and being able to break through communication barriers will help them with health care delivery.” He continues, “They will be in teams which work together for good outcomes, and as physicians they should be leaders of some of these teams. We want them to have the preparation to be good leaders, make good decisions and take corrective action to avoid the pitfalls.”

Dr. Olive also confirms the continued significant focus of QCOM on Rural Health. “It was part of the reason we were founded and we’re starting to look at ways we can reorganize, especially our clinical activities, so that they are part of a health care system. How they handle certain tasks will make a difference in patient outcomes. Simply having better knowledge of how systems work and being able to break through communication barriers will help them with health care delivery.” He continues, “They will be in teams which work together for good outcomes, and as physicians they should be leaders of some of these teams. We want them to have the preparation to be good leaders, make good decisions and take corrective action to avoid the pitfalls.”

Dr. Olive describes the impending changes as a worthy challenge. Through wise choices, every moment spent at QCOM will count, and the graduate will have a unique and decisive preparation for both a clinical and meaningful future in medicine. “The truth is,” Olive reflects, “Change is frightening. Maintaining the status quo is more comfortable. However, we do not think that’s necessarily the way to go. We think we can always do better.”

※
It's because the patient is not a human child, but a high-fidelity Human Patient Simulator. Dr. Ronald Franks, Director of the Quillen College of Medicine (QCOM) Center for Experiential Learning (CEL) Human Patient Simulator (HPS) Lab. Decisions made here are invaluable for the future clinician. This is exactly the result visualized by QCOM Life Lines President, Dr. Paul Stanton, imagined “…as a treasured resource. We have taught First Responders for Homeland Security, paramedic nurses, nurse anesthetists, respiratory therapy students, EMS volunteers and employees, pediatric intensivists, and an air flight crew from Morristown.” Eason and Drumm have also traveled to rural locations to provide training. “It’s all about education and having the ability and capability to teach as many people as possible with the least cost,” Eason states. “While we have our fiscal constraints, just think about what we’ve done with the little bit of money we have!”

According to Society for Simulation in Healthcare (SSH), simulation promises to change the way we think about health care to a new paradigm for the new millennium. The SSH webpage currently shows only 145 simulation labs worldwide with the United States contributing 108.

QCOM Life Lines
Welcome to the very best medical school in the United States,” proclaims Doug Taylor, Quillen College of Medicine (QCOM) Dean for Admissions and Records, adding “…for some people!” He uses this opening line with a smile to illustrate the potential applicants. “It’s true,” says Taylor. “The fact that we know each individual is scary to some people. When they consider medical school, our small size is the defining factor that makes us different. We have the ability to interact with everyone as an individual.” He points out that a draw for one may be a drawback for another, citing examples such as the location and small town environment.

The Association of American Medical Colleges (AAMC) lists 133 accredited U.S. medical schools. Among those, in a tri-state region including Tennessee, Virginia and North Carolina, the QCOM CEL is one of only three schools of allopathic medical schools-100-184, with three falling below 100. The QCOM 2009 entering class size of 64 with a QCOM second-year student. “When we’re standing over the patient management, to perform procedures, and to learn from my mistakes without the possibility of compromising a human life. ”

Taylor, who has been with East Tennessee State University since 1970, was employed by QCOM in 1978 to establish the Office of Admissions and Records and help bring in the first class of 24 students. He says his job doesn’t really seem like work because he loves it so much. “I have so much fun,” he says. “The thing that first attracted me to QCOM was the challenge. And now, as we reflect back on that initial visionary, just look at the dynamic nature of this medical school and the series of good leaders we’ve had.

The Office of Admissions and Records is responsible for recruiting, advising and selecting the best possible students for QCOM. The office assists the prospective applicant, the medical student, the graduate and the practicing physician throughout their medical careers. “They deal with us first and for a lifetime. We establish our relationships with them early and maintain those relationships,” Taylor says. “I cannot say enough about the interaction of those we are in this department to get the job done. The

Dr. Ronald Franks, who was then Dean of Medicine/Vice President for Health Affairs, and Dr. Philip Bagnell, then Associate Dean for Academic Affairs, shared the same vision. They knew what they were doing. They knew for regular, consistent, comprehensive training. They knew for regular activity, not just for general activity.”

The CEL Lab provides just that, offering a full circle of learning—hands-on instruction, real-life scenarios, the ability to repeat tasks, and no risk to a real patient.

Eason and CEL Lab Coordinator Jake Drumm maintain equipment and monitors, and carefully execute each simulation for a replicated Emergency (EMS), critical care and trauma care combines with Eason’s expertise in medicine, to advance the techniques of teaching in healthcare to a whole new paradigm. The SSH webpage currently shows only 145 simulation labs worldwide with the United States contributing 108.

Eason contemplates the future for the QCOM CEL during the next five years. “I’m looking forward to a relationship with the Nursing School,” he says. “The Nursing School is also committed to experiential learning, and the CEL will soon acquire global presence with downloads made available from a QCOM-hosted web site. Other web-based opportunities are on the horizon. In addition, Dr. Eason is working with O.G. Y. N. O. C. slack, Dr. Martin Olsen, and two other ETSU professors, Paul Sims and Bill Hemphill, in seeking a patent for their Gynecologic Surgical Simulator, the first of its kind in the country. Through partnerships between QCOM and other ETSU units, the CEL looks forward to developments that will increase its international reach.

Eason says the success of the lab has more than validated his decision to join QCOM and his redefined personal mission. “It’s impossible to imagine what the CEL has to offer. If only one life is saved ten years from now because of something I have taught in the lab, do you place a price on that?” he asks. But Eason is quick to note that although he’s proud to have played a role in this project, which has expanded beyond the ETSU, “It was President Stanton and the Deans of QCOM who took the risk. It was truly their vision, not my own.”

To read more about the Human Patient Simulator Lab on the web, go to www.etsu.edu/cems/lab

Virtual Life = Virtual Death = Real Drama

“Welcome to the very best medical school in the United States, ” proclaims Doug Taylor, Quillen College of Medicine (QCOM) Dean for Admissions and Records, adding “…for some people!” He uses this opening line with a smile to illustrate the potential applicants. “It’s true,” says Taylor. “The fact that we know each individual is scary to some people. When they consider medical school, our small size is the defining factor that makes us different. We have the ability to interact with everyone as an individual.” He points out that a draw for one may be a drawback for another, citing examples such as the location and small town environment. The Association of American Medical Colleges (AAMC) lists 133 accredited U.S. medical schools. Among those, in a tri-state region including Tennessee, Virginia and North Carolina, the QCOM CEL is one of only three schools of allopathic medical schools-100-184, with three falling below 100. The QCOM 2009 entering class size of 64 with approximately 1400 applicants. “When we find what we’re looking for, it’s a match made in heaven,” says Taylor. “We get good students, we train them well.”

Taylor, who has been with East Tennessee State University since 1970, was employed by QCOM in 1978 to establish the Office of Admissions and Records and help bring in the first class of 24 students. He says his job doesn’t really seem like work because he loves it so much. “I have so much fun,” he says. “The thing that first attracted me to QCOM was the challenge. And now, as we reflect back on that initial visionary, just look at the dynamic nature of this medical school and the series of good leaders we’ve had. The Office of Admissions and Records is responsible for recruiting, advising and selecting the best possible students for QCOM. The office assists the prospective applicant, the medical student, the graduate and the practicing physician throughout their medical careers. “They deal with us first and for a lifetime. We establish our relationships with them early and maintain those relationships,” Taylor says. “I cannot say enough about the interaction of those we are in this department to get the job done. The
NO FEAR.

The healthy 6-year-old patient has achieved developmental milestones by Jill Fair

The CEL Lab provides just that, offering a full circle of learning—hands-on instruction, real-life scenarios, the ability to repeat tasks, and no risk to a real patient.

Eason and CEL Lab Coordinator Jake Drumm maintain equipment and monitors, and carefully execute each simulation for a replicated Emergency/ICU Suite, a Surgery/Ob Suite, and a Virtual laparoscopic Surgery Unit. Drumm’s background in emergency medical services (EMS), critical care and trauma care combines with Eason’s expertise in prehospital medicine, anesthesiology, and surgery to create a unique learning experience. “The outcome of the mix is realistic hands-on instruction in high-level medicine,” Drumm says.

Hours of planning are committed to each scenario. “It really is a stage production. It’s Broadway on steroids,” Drumm explains with a smile. “Obviously there is the teaching mission, but it’s also about staging of equipment, personnel, having the patient up to speed… it’s the drama behind the scenes, to some.”

“This demonstrates practical application,” says Christen Gregory, a QCOM second-year student. “When we’re standing over the mannequin, observing how the pathology presents, all of the knowledge we’ve received is integrated into an understanding of how to treat a patient.”

Students in the CEL Lab manage procedures related to airway manipulation, labor and delivery, physical examination, CPR, and trauma, to name a few, with a “patient” who displays a multitude of characteristics, from signs and heart and lung sounds. Their blinks eye diversity helps the students understand basic differences in the students’ views. The lab is too small to accommodate all of the QCOM’s students, and it remains a challenge to get access to the lab.

Students are videotaped and monitored. “The lab is incomparable for educators to evaluate students in a safe way,” says Eason. “And, students get second chances to correct a mistake or go through a procedure again and again until comfortable. You simply don’t have that luxury in real-life settings.” A second-year QCOM student, Mimi Shaffer, agrees. “Although the quality of didactic medical education at Quillen is superior, my interactions in the CEL Lab have allowed me to gain a greater understanding of the challenges faced in the practice of medicine,” she says. “In particular, the most valuable method for acquiring this knowledge is to have the opportunity to formulate plans for the management of the correct diagnosis.”

Welcome to the very best medical school in the United States,” proclaims Doug Taylor, Quillen College of Medicine’s (QCM) Dean for Admissions and Records, adding “…for some people!” He uses this opening line with a smile to potential applicants. “It’s true,” Taylor says. “The fact that we know each individual is scary to some, and not intimidating to others. But our small size is the defining factor that makes us different. We have the ability to interact with everyone as an individual.” He points out that a draw for one may be a drawback for another, citing examples such as the location and small town environment.

The Association of American Medical Colleges (AAMC) lists 130 accredited U.S. medical schools. Among those, in a tri-state region including Tennessee, Virginia and North Carolina, the range in class size of allopathic medical schools is 180-184, with three falling below 100. The QCOM 2009 entering class size of approximately 140 applicants. “When we find what we’re looking for, it’s a match made in heaven,” says Taylor. “We get good students, we train them well.”

Taylor, who has been with East Tennessee State University since 1970, was employed by QCM in 1978 to establish the Office of Admissions and Records and help bring in the first class of 24 students. He says his job doesn’t really seem like work because he loves it so much. “I have so much fun,” he says. “The thing that first attracted me to QCM was the challenge. And now, as we reflect on that, we have our progressive and modern curriculum, but we are still small enough to have an individual impact.”

Eason says the future of the lab has more than validated his decision to join QCM and he describes personal satisfaction. “It’s unmeasurable what the lab has to offer. If only one life is saved ten years from now because of something that I have taught in the lab, how do you place a price on that?” he asks. But Eason is quick to note that although he’s proud of what he’s played a role in this innovation, which has enlarged the footprint of the CEL Lab, “It was President Stanton and the Deans of QCM who took the risk. It was truly their vision, not my own.”

To read more about the Human Patient Simulator Lab on the web, go to: www.etsu.edu/ceml/simlab

Dr. Martin Eason, CEL Director, looks forward to building upon the CEL Lab’s success.
QCOM Alumni Class Notes

Jonathan D. Allred (M.D. ’88) is Board Certified in Internal Medicine and Board Eligible in Pediatrics. He and his wife, Karen, have two children, Delanyne (21) and Jacob (18). The Allred family lives in Jamestown, TN.

Dax Holder (M.D. ’00) and Amy Holder (M.D. ’02) live in Helotes, TX, with their two children, Sophie (3) and Ben (1). Amy is a private pediatric intensive care physician in the Methodist Healthcare System in San Antonio and Dax is the medical director for the critical care air transport teams of the Air Force. Previously, Dax completed two tours of duty in Iraq and one in Afghanistan. He also flies with the 559th Fighter Wing in San Antonio and works as an emergency physician for the Methodist system in San Antonio and in the emergency room at Wilford Hall as well. As a member of the Mending Broken Hearts Team, Amy takes regular trips to Mongolia to care for post-op pediatric heart patients.

Rick W. LaRue (M.S., Biomedical Science ’04) graduated in May 2008 from the University of Tennessee Health Science Center in Memphis with his Doctor of Medicine and is currently completing a residency in Internal Medicine at Brown University in Providence, Rhode Island.

Aleshia Lunsford (M.D. ’97) is currently working in the Fast Track at East Tennessee Children's Hospital in Knoxville.

Jason Mitchell (M.D. ’04) completed a pediatric residency at Georgetown University Hospital in June 2007 and received the honor of being asked to serve as chief resident the following academic year. Currently he is working as a general pediatrician at Georgetown University Hospital and Nbiley Memorial Hospital in Washington, DC.

New Job? Career Milestone? Wedding Bells? Honors or Awards? We hope that you will take a moment to send us your Class Notes for publication in the next newsletter.

Ways to submit Quillen College of Medicine Alumni Class Notes:
- Standard mail: QCOM Alumni Society, P. O. Box 70721, Johnson City, TN 37614.
- E-mail: qcomalumnisociety@etsu.edu

Submission guidelines:
- Include your class year(s) and degree(s) with each submission.
- Include a telephone number and e-mail address so that we may verify the information.
- Photos are limited to head shots only and must be no smaller than 7” wide x 5” high at 300 dpi.
- Person submitting the items assumes responsibility for accuracy.

Deadlines: The deadline for submitting Class Notes is 30 days prior to each publication date.
- Publication dates:
  - SUMMER – JULY 3
  - FALL – SEPTEMBER 4
  - WINTER – DECEMBER 4
  - SPRING – MARCH 5

About the cover: President Richard M. Nixson signs the Teague-Cranston Act on October 24, 1972, while U.S. Congressman James H. Quillen looks on. This bill laid the groundwork for eventual legislative approval establishing the Quillen College of Medicine in May 1974. A sample headline from the Johnson Press-Chronicle representing the fight to establish a Medical College in East Tennessee.

“Mentor” is a bronze and wood sculpture by Jonesborough, Tennessee, artist Danny Greene whose work with Marcella J. Teague-Cranston is a QCOM Alumnus. “Mentor” is now on display in Stanton-Geber Hall on the College of Medicine campus.
QCOM Alumni Class Notes

Jonathan D. Allred (M.D. ’88), is Board Certified in Internal Medicine and Board Eligible in Pediatrics. He and his wife, Karen, have two children, Delanyne (21) and Jacob (18). The Allred family lives in Jamestown, TN.

Dax Holder (M.D. ’00) and Amy Holder (M.D. ’02) live in Houston, TX, with their two children, Sophia (5) and Ben (3). Amy is a private pediatric intensive care physician in the Methodist HealthCare System in San Antonio and Dax is the medical director for the critical care air transport teams of the Air Force. Previously, Dax completed two tours of duty in Iraq and one in Afghanistan. He also lives with the 559th FTS in San Antonio. Dax works as an emergency physician for the Methodist system in San Antonio and in the emergency room at Wilford Hall as well. As a member of the Mending Broken Hearts Team, Amy takes regular trips to Mongolia to care for post-op pediatric heart patients.

Rick W. LaBue (M.S., Biomedical Science ’04) graduated in May 2008 from the University of Tennessee Health Science Center in Memphis with his Doctor of Medicine, and is currently completing a residency in Internal Medicine at Brown University in Providence, Rhode Island.

Aleisha Lunsford (M.D. ’97) is currently working in the Pain Dept at East Tennessee Children’s Hospital in Knoxville.

Jason Mitchell (M.D. ’04) completed a pediatric residency at Georgetown University Hospital in June 2007 and received the honor of being asked to serve as chief resident for the following academic year. Currently, he is working as a general pediatrics at Georgetown University Hospital and Shiley Memorial Hospital in Washington, DC.

New Job? Career Milestone? Wedding Bells? Honors or Awards?
We hope that you will take a moment to send us your Class Notes for publication in the next newsletter.

Ways to submit Quillen College of Medicine Alumni Class Notes:
- Standard mail: QCOM Alumni Society, P. O. Box 70721, Johnson City, TN 37614.
- E-mail: qcomalumnisociety@etsu.edu.

Submission guidelines:
- Include your class year (s) and degree (s) with each submission.
- Include a telephone number and e-mail address so that we may verify the information.
- Photos are limited to head shots only and must be no smaller than 1” wide x 1.5” high at 300 dpi.
- Person submitting the items assumes responsibility for accuracy.

To donate to the Quillen College of Medicine, please call 423-439-4242 or visit the QCOM web site at: com.etsu.edu, keyword: support.

QCOM Alumni Society will host an Alumni Weekend for all alums on September 18th and 19th. A special invitation goes to the reunion classes of 1984 (25th), 1989 (20th), and 2004 (5th). The class of 1999 will be gathering on August 8 in Jonesborough. Class agents are Steve and Karen Loyd and Michael and Michele Magee. To host or underwrite your class gathering or to serve as a class agent, please contact us at qcomalumnisociety@etsu.edu. We would also encourage you to check the web site for updates at www.ETSUAlumni.org.

Calling all Alums...
FALL 2009
Alumni Gatherings!
Mark your calendars for these upcoming reunions:
Class of ’99 on August 8, 2009
Classes of ’84, ’89, ’94 on September 18 & 19, 2009
The QCOM Alumni Society will host an Alumni Weekend for all alums on September 18th and 19th. A special invitation goes to the reunion classes of 1984 (25th), 1989 (20th), and 2004 (5th). The class of 1999 will be gathering on August 8 in Jonesborough. Class agents are Steve and Karen Loyd and Michael and Michele Magee. To host or underwrite your class gathering or to serve as a class agent, please contact us at qcomalumnisociety@etsu.edu. We would also encourage you to check the web site for updates at www.ETSUAlumni.org.

QCOM Life Lines | 7
It’s a Match!

by Joe Smith

During the annual Match Day celebration, March 19, 2009, the Quillen College of Medicine Class of 2009 learned where they will be going for residency training.

The National Residency Matching Program pairs fourth-year medical students with residency programs throughout the country. The 58 members of the Class of 2009 matched in 12 different medical specialty and subspecialty fields at 28 U.S. residency sites, including ETSU, University of Tennessee, University of Alabama-Birmingham, University of Virginia, Wake Forest University, Medical College of Georgia, University of Southern California, University of California—Los Angeles, University of Pennsylvania, Rush University (Chicago), Vanderbilt University Medical Center, and Emory University.

Students at the Quillen College exceeded the national average with 57 percent of the class entering the primary care fields of family medicine, internal medicine, obstetrics/gynecology, and pediatrics. Sixteen students will continue their training at ETSU, and eight others will remain in Tennessee. Nearly 75 percent matched at institutions in the southern region.

A number of students matched to highly competitive specialty programs, including urology, radiology, orthopaedic surgery, and anesthesiology. Five students will complete their residency training through military service.

The Quillen College of Medicine was successful in filling 38 of the 42 available residency positions during the initial match. The remaining positions have since been filled.

To read more about these divisions in the department of Student Affairs and for complete match results check the QCOM website at: www.etsu.edu/com, keyword: admissions, records, or placement results.

Life Lines